

Fuels Glossary

Word	Meaning	Understanding?
Alkanes	Contains carbon to carbon single bonds. Ends in -ane	😊 😐 😞
Alkenes	Contains carbon to carbon double bonds. Ends in -ene	😊 😐 😞
Biodiesel	Renewable fuel made from waste vegetable oils	😊 😐 😞
Bromine	Used to test for unsaturation (alkenes)	😊 😐 😞
Carbon cycle	The balance of carbon in and out of the atmosphere	😊 😐 😞
Catalytic cracking	The breakdown of large alkanes into smaller more useful molecules	😊 😐 😞
Complete combustion	Burning with a plentiful supply of oxygen	😊 😐 😞
Evaporation	How easily a substance changes from liquid to gas	😊 😐 😞
Flammability	How easily a substance catches fire	😊 😐 😞
Fossil fuels	Fuels made millions of years ago through heat and pressure eg. Coal, oil and gas	😊 😐 😞
Fractional distillation	Used to separate crude oil using boiling point	😊 😐 😞
Global warming	A layer of carbon dioxide makes the heat bounce back to earth, so the earth gets warmer	😊 😐 😞
Homologous series	A family of hydrocarbons eg alkanes, alkenes	😊 😐 😞
Hydrocarbon	A substance that contains carbon and hydrogen only	😊 😐 😞
Incomplete combustion	Burning with a limited supply of oxygen	😊 😐 😞
Oil refineries	Used to separate crude oil into useful products	😊 😐 😞
Saturation	Contains only carbon to carbon single bonds eg. alkanes	😊 😐 😞
Unsaturation	Contains at least one carbon to carbon double bond eg. alkenes	😊 😐 😞
Viscosity	How thick a solid or liquid is	😊 😐 😞

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